

BRUHAT BANGALORE MAHANAGARA PALIKE

YELHANKA ZONE ELECTRICAL DIVISION

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule B"

Name of Work:- Maintenance & Repairs to Existing Park Lightings, etc to the existing Installation in Park at Byatrayanapura Constituency in Ward no 07.

Sl.No	Qty	Description Of Work	Unit	Quoted Rates	
				In figures	In words
1	6	Digging of Pits 1.8 mtr depth for erection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing. Ordinary Soil	Nos	378.00	Rupees Three Hundred Seventy Eight Only
2	6	Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail I Beam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates poles tubular poles in pits of 1.8 mtr Depth, Aligning, Refilling with soil and ramming as approved drawing	Nos	304.00	Rupees Three Hundred Four Only
3	6	Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm)	Nos	982.00	Rupees Nine Hundred Eighty Two Only
4	3	Transportation using 7.5/10 Tons Lorry Rs. 23 per Kms subjected to a minimum of Rs. 1200/- per day (shifting of Panel boards & Poles)	Nos	1200.00	Rupees One Thousand Two Hundred Only
5	6	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole .8Mtr and above street light pole.	Nos	700.00	Rupees Seven Hundred Only
6	40	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or concealed system of wiring. I Group A Materials. g) 16 sqmm	Mtrs	95.00	Rupees Ninety Five Only
7	300	1.5 sqmm	Mtrs	11.00	Rupees Eleven Only
8	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos	1027.00	Rupees One Thousand Twenty Seven Only
9	10	Supplying and fixing of Procelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete. d) 100 Amps	Nos	360.00	Rupees Three Hundred Sixty Only
10	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. A) 40MM.	Mtrs	125.00	Rupees One Hundred Twenty Five Only
11	125000	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. b) 16 swg	Sqcms	0.24	Rupees And Paise Twenty Four Only
12	25	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a) 40X40X6mm	Nos	152.00	Rupees One Hundred Fifty Two Only

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13	5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Nos	4044.00	Rupees Four Thousand Forty Four Only
14	5	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps	Each	8515.00	Rupees Eight Thousand Five Hundred Fifteen Only
15	5	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc.. Group A, PWD Elec SR 2006-07.	Nos	3200.00	Rupees Three Thousand Two Hundred Only
16	10	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. I GI Strip. B)25X3mm	Nos	27.00	Rupees Twenty Seven Only
17	4	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.16 Sq mm	Mtrs	280.00	Rupees Two Hundred Eighty Only
18	600	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class.I. Class 'A' PVC Cable. 4 core 16 sqmm	Mtrs	95.00	Rupees Ninety Five Only
19	600	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs	7.00	Rupees Seven Only
20	495	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. (As per Civil SR KSRB I-2, P-7).a) In soil (ordinary)	Mtrs	38.00	Rupees Thirty Eight Only
21	10	Supplying of LED Floodlight with W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer.LED Floodlight 110W	Nos	17593.00	Rupees Seventeen Thousand Five Hundred Ninety Three Only
22	1	KSRB 4-1 .1: Providing and laying in position plain cement concrete of cum 5,004.00 mix 1 :2:4 with ope cement @ 240kgs, with 40mm and down size gradedgranite metal coarse aggregates @0.87Bcum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specificationsSpecification No. KBS 4.1, 4.2	Cumt	4004.00	Rupees Four Thousand Four Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'


Contractor


EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone